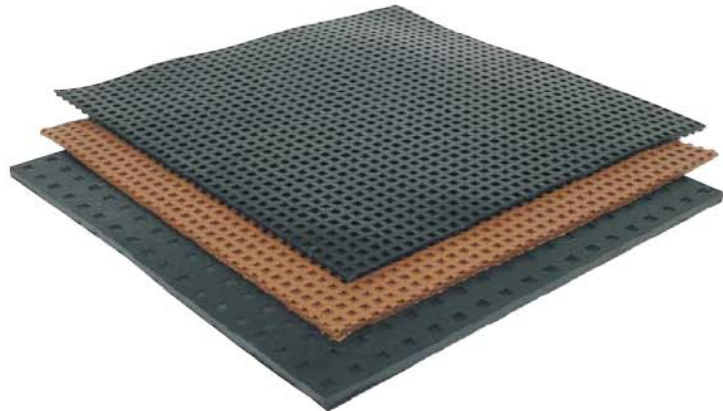


F A B C E L®

Fabcel® Pads

High Quality Molded Elastomer



Fabcel Pads

Fabcel is a high quality elastomer molded into scientifically designed vibration and shock isolation pads. The pad surfaces have patented, recessed, offset cells to allow flow of the elastomer when under load while maintaining lateral stability. This design eliminates the shape factor usually associated with elastomeric materials and provides positive grip to machine foot and floor when under load.

Fabcel Features

- Square cells on each side of Fabcel Pads provide positive grip between machine foot and the floor.
- Uniform arrangement of square cells facilitate deflection of the Fabcel Pad under load.
- Fabcel Pads resist permanent set, oil, cleaning compounds, effects of sunlight or air. They will not absorb oil or water.
- Cell pattern prevents the intrusion of foreign materials beneath the load bearing area of the pad.
- Offset cell construction of Fabcel 25, 50 and 100 Pads (cells on opposite sides of pad offset from each other) provide positive grip under lighter loads.
- Specially-designed cell patterns for Fabcel 200 and 300 Pads provide optimum stability and vibration isolation for heavier loads.

Applications

Typical Applications	Fabcel Pads Recommended*
Blowers	25 to 300
Cold Headers	300
Compressors**	25 to 300
Coordinate Measuring Machines**	25 to 300
Dynamometers	50 to 300
Fans**	25 to 300
Generators	25 to 300
HVAC Equipment	25 to 300
Microscopes	25
Printing Presses**	50 to 300
Punching and Notching**	100 to 300
Punch Presses**	50 to 300
Riveting Machines	50 to 300
Stereos	25
Vacuum Pumps	25
Vibratory Feeders	50 to 300
Word Processing Equipment	25
X-Ray Equipment	25

*See "How to Select Example" section.

**May require isolated inertia block and anchoring. Consult Fabreeka's Engineering Department.

Fabcel Benefits

- Permits low cost machinery mounting by eliminating the need for drilling, bolts, lag screws or adhesives.
- Greater lateral stability is achieved through the square cell design which provides continuous bearing areas on both sides of the pad and in all directions.
- Reduces vibration, absorbs shock and controls noise.
- Prevents machinery from walking or creeping.
- Increases productivity and reduces machine maintenance time.
- Meets OSHA requirements for anchoring machines.
- Easily cut with scissors or sharp knife.

How to Select Example

$$1 \quad \frac{3,600 \text{ lbs. (1636 kg) machine weight}}{4 \text{ mounting points}} = 900 \text{ lbs. (409 kg) per mounting point}$$

$$2 \quad \frac{900 \text{ lbs. (409 kg)}}{20 \text{ sq. in. (129cm}^2\text{) (area of each mounting pad)}} = 45 \text{ psi (3.16 kg/cm}^2\text{)}$$

3 Using the capacity section of the specification chart, the correct Fabcel pad is Fabcel 50.

Fabcel Pads Specifications

Type Pad	Capacity	Pad Size "A"	Pad Size "B"	Material
Fabcel 25	1 - 25 psi (0.07 - 1.76kg/cm ²)	18" x 18" x 5/16" (457 x 457 x 8mm)	6" x 6" x 5/16" (152 x 152 x 8mm)	Buna "N"
Fabcel 50	26 - 50 psi (1.83-3 - 3.52kg/cm ²)	18" x 18" x 5/16" (457 x 457 x 8mm)	6" x 6" x 5/16" (152 x 152 x 8mm)	Neoprene
Fabcel 100	51 - 100 psi (3.59 - 7.03kg/cm ²)	18" x 18" x 5/16" (457 x 457 x 8mm)	6" x 6" x 5/16" (152 x 152 x 8mm)	Neoprene
Fabcel 200	101 - 200 psi (7.10 - 14.06kg/cm ²)	18" x 18" x 1/2" (457 x 457 x 13mm)	6" x 6" x 1/2" (152 x 152 x 13mm)	Neoprene
Fabcel 300	201 - 300 psi (14.13 - 21.09kg/cm ²)	18" x 18" x 1/2" (457 x 457 x 13mm)	6" x 6" x 1/2" (152 x 152 x 13mm)	Neoprene

*N/mm² = 0.10 kg/cm². Under impact machinery such as punch presses, the Fabcel Pads selected should be rated at 50% of capacity.